



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

#3 Inventor(s) : Andreas WESTENDORF et al.

Serial No. : 09/944,915

Filed : August 31, 2001

For : DATA TRANSMISSION METHOD

Examiner : To Be Assigned

Art Unit : To Be Assigned

Assistant Commissioner  
for Patents  
Washington, D.C. 20231

PRELIMINARY AMENDMENT

SIR:

Kindly amend the above-identified application before examination, as set forth below.

IN THE DRAWINGS:

Please amend the drawings as indicated on the attached red-marked sheets.

IN THE SPECIFICATION:

Please amend the specification, including abstract, pursuant to the attached substitute specification. Also attached is a marked up copy of the specification, indicating deleted and added sections. No new matter has been added.

IN THE CLAIMS:

Please cancel claims 1-21, without prejudice.

Please add the following new claims:

22. (New) A data transmission method, comprising:  
transmitting first data to a first processor;

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transmitting second data to a second processor, the second data being based on the first data;  
checking the second data in the second processor;  
and  
transmitting a check result to the first processor.

23. (New) The method according to claim 22, wherein the step of transmitting first data includes transmitting the first data to the first processor from one of a data medium drive and a third processor.

24. (New) The method according to claim 22, wherein the step of transmitting the first data includes transmitting the first data to the first processor from a data medium drive, and wherein the method further comprises:

checking in the second processor an identity of a data carrier in the data medium drive.

25. (New) The method according to claim 22, wherein the step of transmitting the first data including transmitting the first data to the first processor from a third processor, and wherein the method further comprises:

checking in the second processor an identity of the third processor.

26. (New) The method according to claim 22, further comprising:

checking an error-free transmission in at least one of the first processor and the second processor.

27. (New) The method according to claim 22, wherein at least one of the first data and the second data is at least one of: i) transmitting in encoded form, and ii) transmitted with an electronic signature.

28. (New) The method according to claim 22, wherein at least one of the first data and the second data is at least

one of: i) encoded with a private key of a respective processor, and ii) provided with an electronic signature.

29. (New) The method according to claim 22, further comprising:

connecting the first processor to the second processor using a wireless connection.

30. (New) The method according to claim 22, further comprising:

connecting the second processor to a third processor using a wireless connection.

31. (New) The method according to claim 22, further comprising:

accessing a database in the second processor to check the second data.

32. (New) The method according to claim 22, further comprising:

initiating by the second processor a payment process as a function of the second data.

33. (New) The method according to claim 22, further comprising:

allowing by the second processor a use of the first data in the first processor.

34. (New) The method according to claim 22, further comprising:

storing by the second processor a use of the first data by the first processor.

35. (New) The method according to claim 22, further comprising:

starting a check of the first data in the first processor; and

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restarting the check in the first processor if the check has not been run through completely.

36. (New) The method according to claim 22, further comprising:

storing a program for checking at least one of the first data and the check result in a nonvolatile form in the second processor.

37. (New) The method according to claim 22, further comprising:

deleting the first data in the first processor if a user license for the first data is not transmitted by a third processor.

38. (New) The method according to claim 22, further comprising:

delivering a warning if the first data is not released.

39. (New) The method according to claim 22, further comprising:

determining a first check code is determined from the first data; and

forming the second data at least in part from the first check code.

40. (New) The method according to claim 39, further comprising:

determining a second check code from the first data; and

forming the second data at least in part from the second check code.

41. (New) A device for receiving data, comprising:  
a first processor;

a receiver coupled to the first processor configured to receive first data; and  
a transmitter coupled to the first processor configured to transmit second data to a second processor, the second data being based on the first data, the second data being checked in the second processor, the first processor receiving via the receiver a check result from the second processor.

42. (New) A controller in a motor vehicle, comprising:  
a first processor, the first processor configured to receive first data and to transmit second data to a second processor, the second data being based on the first data, the second data being checked in the second processor, and the first processor receiving a check result from the second processor.

43. (New) A check processor, comprising:  
a second processor configured to receive second data from a first processor, the first processor receiving first data, forming the second data from the first data, and transmitting the second data to the second processor, the second processor checking the second data and transmitting a check result to the first processor.

44. (New) A central service office, comprising:  
a third processor, the third processor transmitting first data to a first processor, the first processor forming second data from the first data and transmitting the second data to a second processor, the second processor checking the second data and transmitting a check result to the first processor.



REMARKS

This Preliminary Amendment cancels, without pre-judgment, claims 1-21 and adds new claims 22-44. The new claims conform the claims to the U.S. Patent and Trademark Office rules and does not add new matter to the application.

The amendments to the specification and abstract reflected in the substitute specification are to conform the specification and abstract to U.S. Patent and Trademark Office rules, and do not introduce new matter into the application.

It is respectfully submitted that the present invention is new, non-obvious, and useful. Prompt consideration and allowance of the claims are respectfully requested.

Respectfully Submitted,

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Dated: 12/5/01

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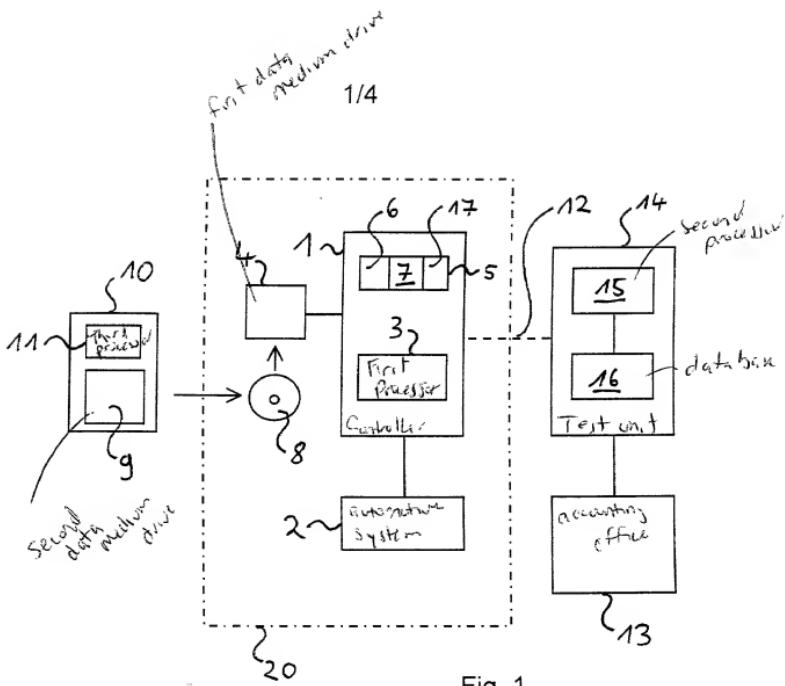


Fig. 1

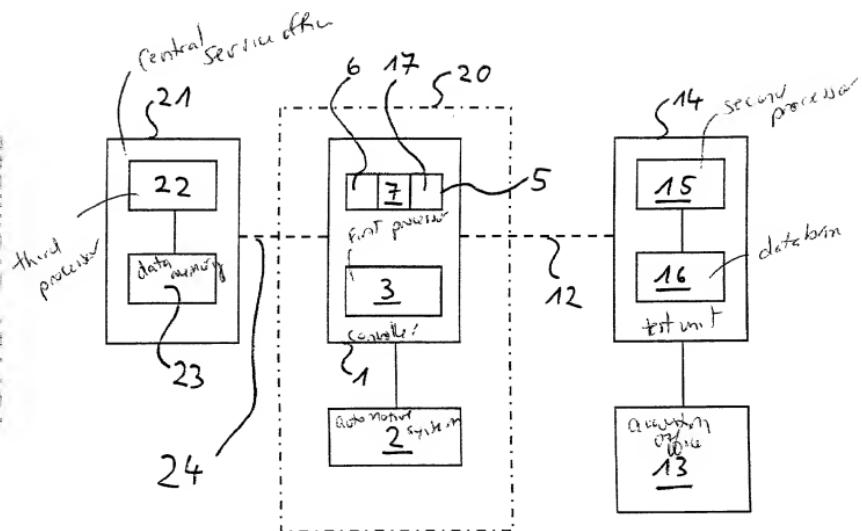


Fig. 2

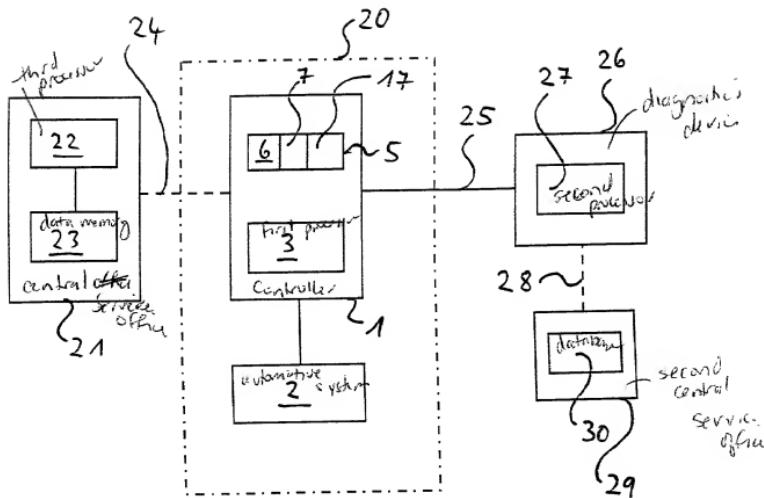


Fig. 3

4/4

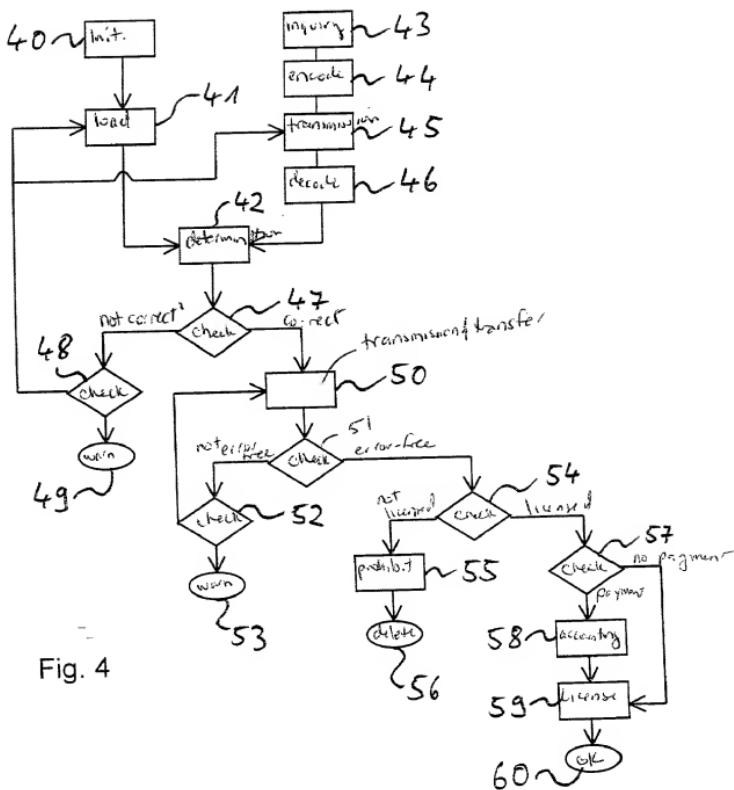


Fig. 4